2D and 3D Shape Riddles
Challenge Cards

twinkl

1

What Am I?

I am a 2D shape.

I have four sides.

I have four equal corners.

All four sides are the same length.

2

What Am I?

I am a 3D shape.

I have five flat faces.

I have five vertices.

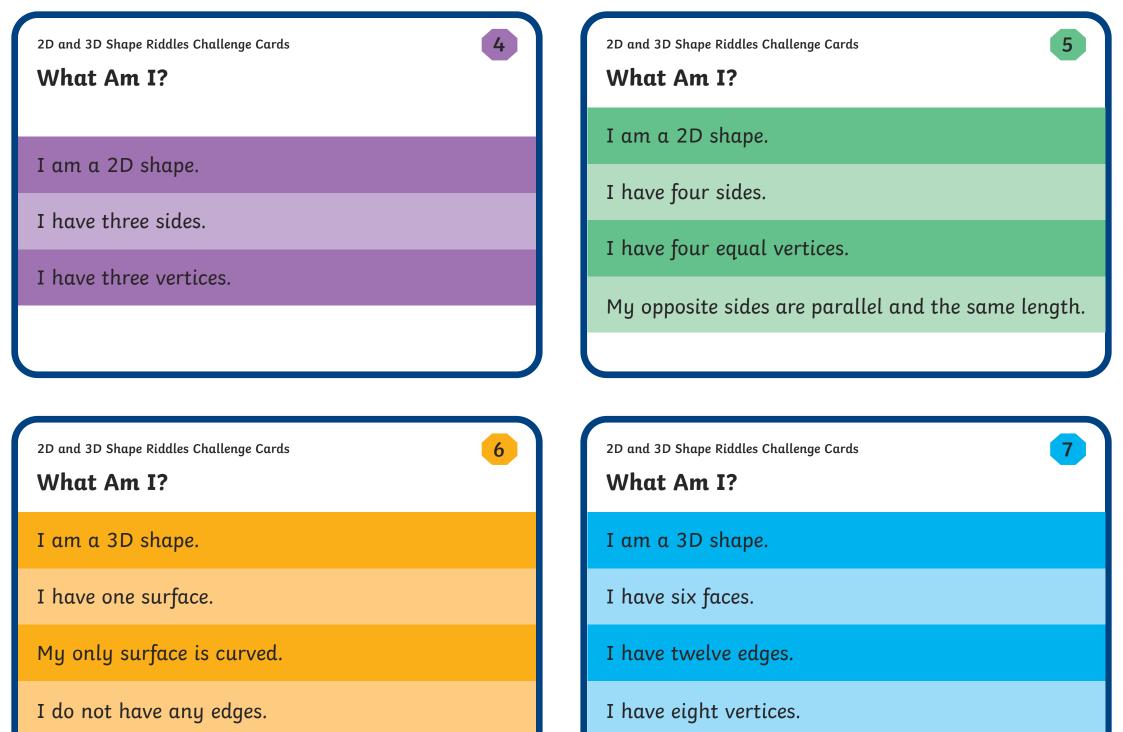Four of my faces are triangles and one is a square.

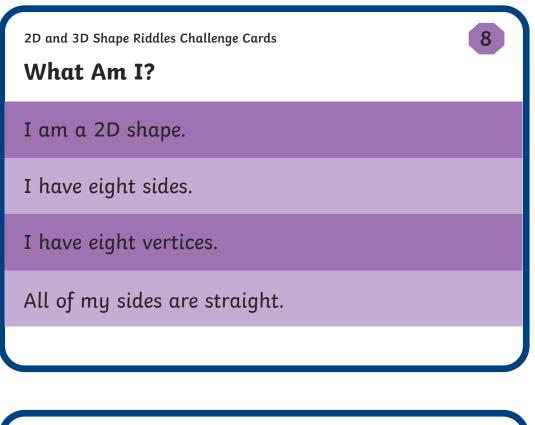---

3

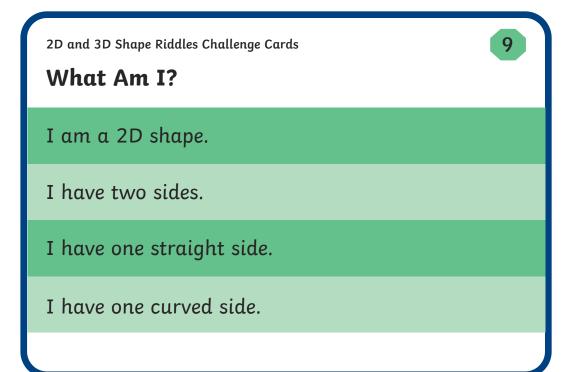## What Am I?

I am a 3D shape.

I have one flat face.
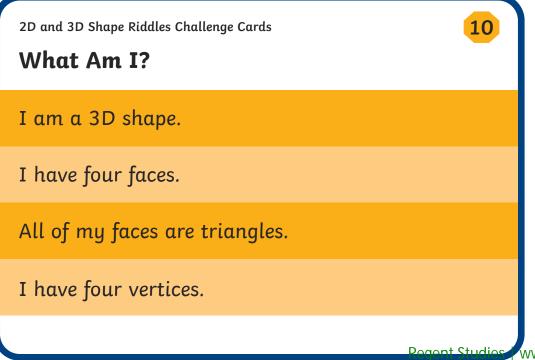
I have one curved surface, ending in a point.

I do not have any vertices.

4

What Am I?

I am a 2D shape.

I have three sides.

I have three vertices.

5

What Am I?

I am a 2D shape.

I have four sides.

I have four equal vertices.

My opposite sides are parallel and the same length.

6

What Am I?

I am a 3D shape.

I have one surface.

My only surface is curved.

I do not have any edges.

7

What Am I?

I am a 3D shape.

I have six faces.

I have twelve edges.

I have eight vertices.

8

What Am I?

I am a 2D shape.

I have eight sides.

I have eight vertices.

All of my sides are straight.

9

What Am I?

I am a 2D shape.

I have two sides.

I have one straight side.

I have one curved side.

10

What Am I?

I am a 3D shape.

I have four faces.

All of my faces are triangles.

I have four vertices.

11

What Am I?

I am a 3D shape.

I have six faces.

All of my faces are four-sided.

I have eight vertices.

12

What Am I?

I am a 3D shape.

I have one flat face.

I have one curved surface.

I do not have any vertices.

13

What Am I?

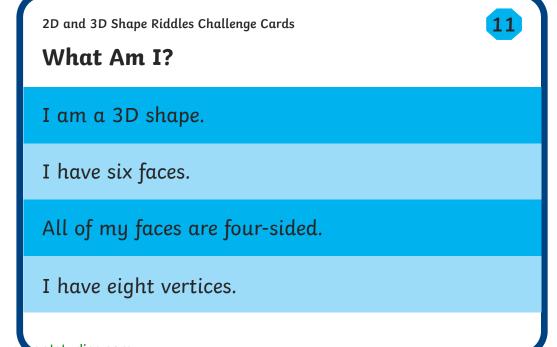I am a 2D shape.

I have six sides.

I have six vertices.

All of my sides are straight.

14

What Am I?

I am a 2D shape.

I have one side.

My only side is curved.

I do not have any vertices.

15

What Am I?

I am a 2D shape.

I have five sides.

I have five vertices.

All of my sides are straight.

Answers

1. square
2. square-based pyramid
3. cone
4. triangle
5. rectangle
6. sphere
7. cube/cuboid
8. octagon
9. semicircle
10. triangular-based pyramid
11. cube/cuboid
12. hemisphere
13. hexagon
14. circle
15. pentagon